The invention claimed is:

1. A composition comprising an Amplicon, a single strand sequence of nucleic acids specific to Yersinia pestis, selected from the group consisting of SEQ ID Nos 4, 8, 12, 16, 20, and 24.

2. A composition comprising a single strand sequence of nucleic acids that is complimentary to the sequence of nucleic acids recited in Claim 1 or any portion thereof.

3. A composition comprising a single strand sequence of nucleic acids selected from the group consisting of SEQ ID Nos 1, 2, 3, 5, 6, 7, 9, 10, 11, 13, 14, 15, 17, 18, 19, 21, 22, and 23.

4. A method comprising:

(i) providing a sample;

(ii) forming a mixture by adding the sample to a solution containing at least one series of nucleotide sequences having a forward primer, a reverse primer and a hybridization probe selected from the group consisting of SEQ ID NOs:1,2,3; 5,6,7; 9,10,11; 13,14,15;17,18,19; 21,22, 23; under conditions suitable for isolating genomic DNA for amplification using PCR and under conditions suitable for hybridization with said at least one series of nucleotide sequences; and

(iii) subjecting the mixture to PCR.

5. The method of Claim 4 wherein said PCR comprises standard PCR.

6. The method of Claim 5, wherein said PCR comprises fluorogenic 5' nuclease PCR assay.

7. A method comprising:

(i) providing a sample;

(ii) forming a mixture by adding the sample to a solution containing at least one series of nucleotide sequences having a forward primer, a reverse primer and a hybridization probe selected from the group consisting of SEQ ID NOs:1,2,3; 5,6,7; 9,10,11; 13,14,15;17,18,19; 21,22,23; under conditions suitable for isolating genomic DNA for amplification using PCR and under conditions suitable for hybridization with said at least one series of nucleotide sequences; and

(iii) detecting the presence of at least one Amplicon sequence by flurogenic 5' nuclease PCR assay, wherein the presence of said one Amplicon sequence indicates the existence existence of *Yersinia pestis* in the sample.